Use Attainability Analysis

for

WBID 0443 Cypress Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

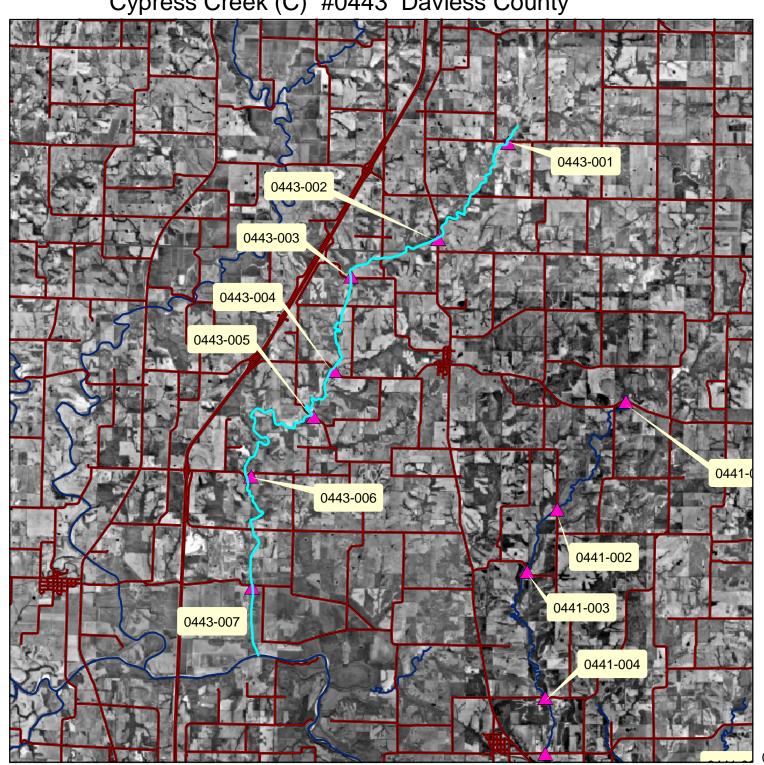
RECEIVED

Data Sheet A - Water Body Identification

2005 JUN 23 AM 7: 06

Water Body Name:	HAFER PROTECTION PROGRAM
(from USGS 7.5' quad) Cypress Coeck	
8-digit HUC: 102 80101	
Missouri WBID#: 6443	
111111111111111111111111111111111111111	· ·· · · · · · · · · · · · · · · · · ·
County: Daviess	
Upstream Legal Description:	
Opstrant Description.	<u> </u>
Downstream Legal Description:	
Upstream Coordinates:	<u> </u>
(UGS 84, ddd.ddddd) 40.16 327 -93.98667	- 2m_
Downstream Coordinates:	\sim
(UGS 84, ddd.ddddd) 40.16327 -93.98667 Downstream Coordinates: (UGS 84, ddd.ddddd) 40.04665 -94.070	93 - U M
Discharger Facility Name(s):	
Discharger Permit Number(s):	
Number of Sites Evaluated:	
Name of Surveyor and Telephone Number: Rechard Duchrows	•
Name of Surveyor and Telephone Number: Rechard Duchrous	<u> </u>
Organization: DMR ~ WPP	
Position: 5Tm Brolowst	
	1 2
I, the undersigned, hereby affirm to the best of my knowledge, that a	ll information reported on this UAA
datasheet is true and accurate.	
cional di Dord	to a first
Signed: Date:	6/22/05

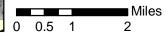
Cypress Creek (C) #0443 Daviess County





Legend

Roads **Classified Waterbodies**



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Misso	uri WBID#: رياس	3-001		Site Location	Description:	
	PS Coordinates: H		. 98607	E 380.5	7 750	
	& Time: 6/19/10			Facility Name		
Person	anel: ⊋ 🔾		•	Permit Number	er:	
Currer	nt Weather Conditio	PRS: CLEVANZ		Weather Cond	litions for Past 7 days: RAXA	- Clear last 5 days
Photo	Ids: Upstream: NO	0-003Z Dow	nstream: 🗤 💸		her:	
			<u> </u>			
Uses Obs				<u>-</u>		
□ Sw	vimming	Skin diving	□ SC	UBA diving	☐ Tubing	☐ Water skiing
	ind surfing	☐ Kayaking	□ Bo	ating	☐ Wading	☐ Rafting
C) Hu	inting	☐ Trapping	☐ Fisi	hing	☑ None of the above	☐ Other:
Surroun items of in	-	s*: (Mark all that p	promote or im	apede recreations	al uses. Attach photos of evide	
□ ci	ity/county parks	☐ Playgrounds	☐ MDC cc	onservation lands	☐ Urban areas	☐ Campgrounds
□В	oating accesses	☐ State parks	☐ National	l forests	☐ Nature trails	Crain-Junellement
	o trespass sign	☐ Fence	☐ Steep slo			☐ Stairs/walkway
~		1 - 1	п висер зи	opes	Grother: Rural - R	
Lvidenc	e of Human Us		L Block St.	opes	POther: Rual - 7	
Evidenc				Dock/platform	☐ Cother: Rwal - 7	
⊠R		e*:	nts 🗆 I			menureland

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # _ O443+001:

September 29, 2004

Stream Morphol	logy: w Physical Dim	ensions:				
	dth (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft	:):
 	dth (ft): 8'	Length (ft): \50	Avg. Depth (ft): 40,1°	Max. Depth (ft	t): 0.1
□ Pool Wie	dth (ft):	Length (ft):	Avg. Depth (Max. Depth (fi	
☐ Flow Pre	sent? G'Yes	□ No	Estimated (ft	3/sec): < \ @4	ેંક	
Downstran	View Physical I	limancione:				
	dth (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (fi	t):
☑ Run Wie	dth (ft):	Length (ft): \50'	Avg. Depth (ft): 40.1	Max. Depth (fi	t): 0.1,
□ Pool Wie	dth (ft):	Length (ft):	Avg. Depth (Max. Depth (fi	
☑ Flow Pre	sent?	☑ No	Estimated (ft	³/sec):		
Water Characte			owth at the asse	ssment site)	☐ Other:	
Color:	☑ Clear	☐ Green ☐ C	Gray	☐ Milky	Other:	
Bottom Deposi	t: 🗆 Sludge	□ Solids 🖼 🕏	ine sediments	□ None	□ Other:	
Surface Deposi	it: 🗆 Qil	□ Scum □ F	oam	None	Other:	,
*This information is comprehensive undediction on the recruit, the undersign datasheet is tru Signed:	s not to be used sole erstanding of water eation use analysis l ned, hereby affin e and accurate.		tional use design, this informations that need furth knowledge, t	nation but rath on is not intend ner analysis or chat all info	er is to provide a mor ded to directly influen that effect another us ermation reported	re ice a ice. d on this UAA
Organization: 3	ひんちいんてん		Positio	n: <u>ទាណ់</u>	Biologist	



0443_001_DS



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 0 444	a		Site Location De	scription:	
Site GPS Coordinates: 40		7420	Hwy	. કે <i>ઉ</i> . ૯	
D . PT	5 1810 kg		Facility Name:		
Personnel:			Permit Number:		
Current Weather Condition	ns: Clear		Weather Conditi	ons for Past 7 days: Rass	- Cleur 1954 5 day
Photo Ids: Upstream: 100		nstream	Other		
				<u> </u>	
Uses Observed*:				 .	
	☐ Skin diving		SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking] Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping] Fishing	☑ None of the above	☐ Other:
Surrounding Conditions items of interest.)	S*: (Mark all that p	огошоtе	or impede recreational u	ses. Attach photos of evider	nce or unusual
☐ City/county parks	☐ Playgrounds	□м	OC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	□ Na	tional forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Ste	ep slopes	POther: Rugl. C.	rapland
Evidence of Human Use	e*:				
☐ Roads	☐ Foot paths/prin	ıts	☐ Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	F 0 : 0:				
	☐ Camping Sites	i	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle

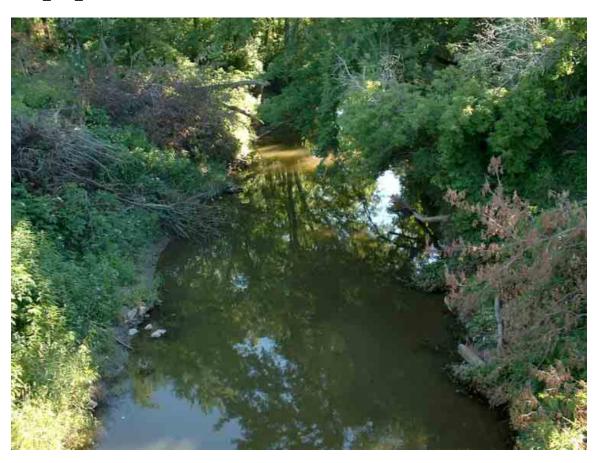
^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # 0443 - 602:

□ Riffle Width	(ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
□ Run Width	(ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☑ Pool Width	(ft): 2°C'	Length (ft):	So Avg. Depth (ft): 0.75	Max. Depth (ft): 3,5
Flow Presen		⊡^N ₀	Estimated (fr			
Downstream Vi	ew Physical	Dimensions:				
☐ Riffle Width		Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
□ Run Width	(ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
⊡ Pool Width	(ft): _{වර} ්	Length (ft): a	Avg. Depth (ft): t.o'	Max. Depth (ft): 3,5'
Flow Present	t? 🛘 Yes	₫'No	Estimated (ft	3/sec) :		
ster Characteri	stics*: (Mark			GA1	Othor	
ater Characteri	stics*: (Mark	☐ Musky	☐ Chemical	☑ None	☐ Other:	
ter Characteri Odor: Color:	stics*: (Mark Sewage	☐ Musky ☐ Green	☐ Gray	☐ Milky	□ Other:	
nter Characteri	stics*: (Mark	☐ Musky		_		
Odor: Color: Bottom Deposit: Surface Deposit: mments: Please his information is no aprehensive underse tision on the recreat the undersigned tasheet is true a	Stics*: (Mark Sewage Clear Sludge Oil attach addit of to be used so anding of wate ion use analysi hereby aff	☐ Musky ☐ Green ☐ Solids ☐ Scum ional comments lely for removal of er conditions. Consess but may point to confirm to the best	☐ Gray ☐ Fine sediments	☐ Milky ☐ None ☐ None ☐ None ion from in mation but rath on is not inten mer analysis or	Other: Other: Other: terviews) to this there is to provide a moded to directly influent that effect another that	ore ence a use.
Odor: Color: Bottom Deposit: Surface Deposit: omments: Please his information is no hiprehensive understission on the recreat	Stics*: (Mark Sewage Clear Sludge Oil attach addit of to be used so anding of wate ion use analysi hereby aff	☐ Musky ☐ Green ☐ Solids ☐ Scum ional comments lely for removal of er conditions. Consess but may point to confirm to the best	Gray Fine sediments Foam (including informate a recreational use designated and information on ditions that need furth of my knowledge, to	☐ Milky ☐ None ☐ None ☐ None ion from in mation but rath on is not inten mer analysis of that all info	Other: Other: Other: terviews) to this there is to provide a moded to directly influent that effect another that	ore ence a use. ed on this UAA



0443_002_DS



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 💍	E00 - 643		Site Location De	scription:	
Site GPS Coordinates:		. 03879	AXLE AY	18 BR.	
Date & Time: 6/19	05 1745		Facility Name:		
Personnel:	<u> </u>		Permit Number:		
Current Weather Condi	tions: Clear		Weather Conditi	ons for Past 7 days: Raza	- Clear last 5day
Photo Ids: Upstream:		nstream: \c			
Uses Observed*:			<u> </u>		
☐ Swimming	☐ Skin diving	□ SC	UBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	□ B(ating	□ Wading	Rafting
☐ Hunting	☐ Trapping	☐ Fi	shing	☑ None of the above	☐ Other:
Surrounding Condition	ons*: (Mark ail that p	promote or ir	npede recreational s		
☐ City/county parks				ises. Attach photos of evide	nce or unusual
	☐ Playgrounds		onservation lands	☐ Urban areas	Campgrounds
☐ Boating accesses	☐ Playgrounds ☐ State parks	☐ MDC c		-	
☐ Boating accesses ☐ No trespass sign			i forests	☐ Urban areas	☐ Campgrounds ☐ Stairs/walkway
□ No trespass sign	☐ State parks ☐ Fence	□ Nationa	i forests	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway
□ No trespass sign	☐ State parks ☐ Fence	☐ Nationa	i forests	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway
□ No trespass sign	☐ State parks ☐ Fence	☐ National	opes	☐ Urban areas ☐ Nature trails ☐ Other: Rugal	☐ Campgrounds ☐ Stairs/walkway

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Page Two - Data Sheet B for WBID # 0443.003:

□ Riffle Wic	dth (ft):	Length (ft):	Avg. Depth (1	ft):	Max. Depth (ft):	·
□ Run Wie	dth (ft):	Length (ft):	Avg. Depth (i	ft):	Max. Depth (ft):	;
Pool Wie	dth (ft): 3 9	Length (ft):	Avg. Depth (ft): 0-1	Max. Depth (ft)	a <u>.5</u>
Flow Pre	sent? 🗆 Y		Estimated (ft	/sec):	··	
Downstream_	View Physi	cal Dimensions:				
□ Riffle Wi	dth (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft)	
□ Run Wi	dth (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft)	<u> </u>
⊠ Pool Wi	dth (ft): 15	Length (ft): 20	Avg. Depth (ft): o, 3'	Max. Depth (ft)	· 3.6
Flow Pre	sent?		Estimated (ft	3/sec):	<u> </u>	
% Co	tion*: (note a	uld add up to 100%.) % Gravel 56 mount of vegetation or a	% Sand 30	<u></u>	% Mud/Clay	% Bedrock
ater Charact	eristics*: (M	(ark all that apply.)				
Odor:	☐ Sewa		☐ Chemical	☑ None	Other:	
Color:	☑ Clear	Green	☐ Gray	☐ Milky	Other:	<u>.:</u> · .
Bottom Depos	it: 🗀 Sludg	ge □ Solids	Fine sediments	□ None	☐ Other:	
Surface Depos	it: 🗆 Oil	☐ Scum	☐ Foam	None	Other:	
		•				
his information in imprehensive und cision on the record the undersignatus from the control of the undersignatus from the control of the cont	is not to be use lerstanding of reation use and ned, hereby	ditional comments (d solely for removal of a water conditions. Consect lysis but may point to co affirm to the best o rate.	recreational use design quently, this information ditions that need furth of my knowledge, to	nation but rather in is not intended the analysis or the that all inform	is to provide a more to directly influence at effect another use	ee a
his information in inprehensive und cision on the reco	is not to be use lerstanding of reation use and ned, hereby	d solely for removal of a water conditions. Consecutives but may point to co	recreational use design quently, this information ditions that need furth of my knowledge, to	nation but rather in is not intended ther analysis or the	is to provide a more to directly influence at effect another use	ee a



0443_003_DS



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Raso - Cleme last Sdar
□ Water skiing
☐ Rafting
above
evidence of recreational uses, etc.)
COITSL
of evidence or unusual
☐ Campgrounds
☐ Stairs/walkway
/atering □ RV / ATV Tracks
_ 1
charge

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

Page 18

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Page Two - Data Sheet B for WBID # ______:

Riffle Width	ft):	Length	ı (ft):	Avg. Depth (ft):	Max. Depth (ft):	
Run Width	ft):	Length	r(ft):	Avg. Depth (ft):	Max. Depth (ft):	
□ Pool Width	ft):	Length	ı (ft):	Avg. Depth (ft):	Max. Depth (ft):	
□ Flow Present	? 🗆 Yes	□ No		Estimated (ft	/sec):		
ownstream Vi	w Physical	Dimensi	ane•				
□ Riffle Width		Length		Avg. Depth (ft):	Max. Depth (ft):	
□ Run Width	ft):	Length	n (ft):	Avg. Depth (ft):	Max. Depth (ft):	
□ Pool Width	(ft):	Length	n (ft):	Avg. Depth (ft):	Max. Depth (ft):	
☐ Flow Presen	? 🗆 Yes	□ No		Estimated (ft	³/sec):		
				• • •			
strate*: (These % Cobble		add up to ly 6 Gravel	00%.) % Sau		% Silt	% Mud/Clay	% Bedrock
			-				
uatic Vegetation	*: (note amou	ont of vege	tation or algal gro	owth at the asse	ssment site)		
ter Characteri	tics*: (Mark	all that app	oly.)			□ Other	
ter Characteri: Odor:	tics*: (Mark	ail that app	oly.) usky □ C	hemical	☐ None	Other:	
ter Characteris Odor: Color:	tics*: (Mark Sewage	ail that app □ M □ Gr	oly.) usky 🔲 C reen 🔲 G	hemical ray	☐ None	☐ Other:	
ter Characteris Odor: Color: Bottom Deposit:	tics*: (Mark Sewage Clear Sludge	all that app □ Mo □ Gr □ So	oly.) usky	hemical ray ine sediments	☐ None ☐ Milky ☐ None	☐ Other:	
ter Characteris Odor: Color: Bottom Deposit: Surface Deposit:	tics*: (Mark Sewage Clear Sludge	ail that app	oly.) usky	hemical ray ine sediments oam	☐ None ☐ Milky ☐ None ☐ None	☐ Other: ☐ Other: ☐ Other:	
ter Characteris Odor: Color: Bottom Deposit: Surface Deposit:	tics*: (Mark Sewage Clear Sludge	ail that app	oly.) usky	hemical ray ine sediments oam	☐ None ☐ Milky ☐ None ☐ None	☐ Other:	m.
ter Characteris Odor: Color: Bottom Deposit: Surface Deposit: mments: Please	tics*: (Mark Sewage Clear Sludge Oil attach addit	all that app	oly.) usky	hemical ray ine sediments oam ing informat	☐ None ☐ Milky ☐ None ☐ None	Other: Other: Other:	m.
ter Characteris Odor: Color: Bottom Deposit: Surface Deposit: mments: Please is information is no prehensive underst	tics*: (Mark Sewage Clear Sludge Oil attach addit	all that app	oly.) usky	hemical ray ine sediments cam ing informat ional use design	☐ None ☐ Milky ☐ None ☐ None ☐ not intended is not intended.	Other: Other: Other: erviews) to this forest is to provide a more led to directly influence	e a
ter Characteris Odor: Color: Bottom Deposit: Surface Deposit: mments: Please is information is no prehensive underst	tics*: (Mark Sewage Clear Sludge Oil attach addit	all that app	oly.) usky	hemical ray ine sediments cam ing informat ional use design	☐ None ☐ Milky ☐ None ☐ None ☐ not intended is not intended.	Other: Other: Other: erviews) to this for	e a
ter Characteris Odor: Color: Bottom Deposit: Surface Deposit: mments: Please is information is no prehensive underst sion on the recreati	tics*: (Mark Sewage Clear Sludge Oil attach addit to be used so anding of wate on use analysis, hereby aff	all that app Mo Gr So So conal con lely for ren r condition s but may p	oly.) usky	hemical ray ine sediments cam ing informat ional use design this informatic s that need furt	☐ None ☐ Milky ☐ None ☐ None ☐ ion from intending but rather is not intended are analysis or	Other: Other: Other: erviews) to this forest is to provide a more led to directly influence	e a
ter Characteris Odor: Color: Bottom Deposit: Surface Deposit: minents: Please is information is no prehensive underst sion on the recreati	tics*: (Mark Sewage Clear Sludge Oil attach addit to be used so anding of wate on use analysis, hereby aff	all that app Mo Gr So So conal con lely for ren r condition s but may p	oly.) usky	hemical iray ine sediments cam ing informat ional use design this informatic is that need furth anowledge, t	☐ None ☐ Milky ☐ None ☐ None ☐ ion from intending but rather is not intended are analysis or	Other: Other: Other: Other: erviews) to this forer is to provide a more led to directly influence that effect another use.	e a



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#:	43-005		Site Location De	escription:	
Site GPS Coordinates: µ	10.09111 -94	.05131	185 = 2	SE 7	
Date & Time: 609/	05 1700		Facility Name:		
Personnel:		·	Permit Number:		
Current Weather Conditi	ions: Clear		Weather Conditi	ons for Past 7 days: Res	s. Cleanlast So
Photo Ids: Upstream:	00-0035 Dow	mstream: ve	Other		
es Observed*:					
	☐ Skin diving		CUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	🗇 В	oating	☐ Wading	Rafting
☐ Hunting	☐ Trapping	□ F	ishing	None of the above	☐ Other:
	er of individuals rec		•		
rrounding Condition		promote or i		ises. Attach photos of evider	nce or unusual
rrounding Condition		· 		ises. Attach photos of evider	nce or unusual
errounding Condition	ns*: (Mark all that p	□ мФС	mpede recreational t	<u> </u>	т
rrounding Conditions of interest.)	ns*: (Mark all that p	□ мФС	mpede recreational to conservation lands al forests	☐ Urban areas	☐ Campgrounds
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p ☐ Playgrounds ☐ State parks ☑ Fence	☐ MDC o	mpede recreational to conservation lands al forests	☐ Urban areas	☐ Campgrounds
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p ☐ Playgrounds ☐ State parks ☑ Fence	☐ MDC o	mpede recreational to conservation lands al forests clopes	☐ Urban areas	☐ Campgrounds
rrounding Condition ms of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p ☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC o ☐ Nation ☐ Steep s	mpede recreational to conservation lands al forests ilopes	☐ Urban areas ☐ Nature trails ☐ Other: Runal - w	☐ Campgrounds ☐ Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

Page 18

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Page Two - Data Sheet B for WBID # 0443-005:

Riffle Width Run Width Pool Width Flow Preser Ownstream Vi Riffle Width	t(ft): wo' u? □ Yes	Length (ft): Length (ft):		g. Depth (ft):			
Flow Preser	nt? 🗆 Yes		oo' A			Max. Depth (ft):
ownstream Vi	ut? 🔲 Yes	⊡^No		g. Depth (ft):	a.oʻ	Max. Depth (ft): 40°
	ew Physical		Es	timated (ft ³ /sec			
	iew Physical	Dii					
☑ Kittle ****	(ft):/		ر A	/g. Depth (ft):		Max, Depth (ft): 0.2
□ Run Width	<u>13</u>	Length (ft):	<u> </u>	g. Depth (ft):	1.0.	Max. Depth (ft	
				g. Depth (ft):		Max. Depth (ft	
			<u> </u>	timated (ft ³ /sec	1.0'		7 6 .0
☑ Flow Preser	nt? □Yes	□ No		(11.000	3-2	دلاء	<u>.</u>
(a) .7	25 January	De San Language			ent site)		
ter Characteri		all that apply.)					
ter Characteri			□ Chem		None	☐ Other:	
ter Characteri	istics*: (Mark	all that apply.)		ical 🖸		☐ Other:	
ter Characteri Odor:	istics*: (Mark	all that apply.) Musky	☐ Chem	ical 🖸	None		





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 💍	40006		Site Location De	escription:	
Site GPS Coordinates: 4	10.0761H -94	o7.33%	ELMWOO	so ene ar	
Date & Time: نام) hes.	Facility Name:		
Personnel:			Permit Number:		
Current Weather Condit	ions: Clear	·	Weather Conditi	ons for Past 7 days: Realise	- Cleure last 5d
Photo Ids: Upstream: (wod sees oc	nstream: tox			
	<u> </u>	,			
es Observed*:	1	<u> </u>		·	
☐ Swimming	☐ Skin diving	☐ SC1	UBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boa	ating	☐ Wading	Rafting
☐ Hunting	☐ Trapping	☐ Fist	hing	☑ None of the above	Other:
Describe: (include numb					
rrounding Condition	ns*: (Mark all that p	promote or im	pede recreational t	ises. Attach photos of eviden	nce or unusua!
rrounding Condition	ns*: (Mark all that p	<u> </u>	pede recreational to	uses. Attach photos of eviden	nce or unusua!
rrounding Conditions of interest.)	<u> </u>	<u> </u>	nservation lands	T .	T
rrounding Conditions of interest.)	☐ Playgrounds	☐ MDC ∞	nservation lands forests	☐ Urban areas	☐ Campgrounds ☐ Stairs/walkway
rrounding Conditions of interest.) City/county parks Boating accesses	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC ∞	nservation lands forests	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC co	nservation lands forests	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC co ☐ National ☐ Steep sid	nservation lands forests opes	☐ Urban areas ☐ Nature trails ☑ Other: Recal - C	☐ Campgrounds ☐ Stairs/walkway

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Page Two - Data Sheet B for WBID # 0443-006

□ Riffle Widt	h (ft):		Length (f	t):	Avg. Depth ((ft):	Max. Depth (ft):
□ Run Widt	h (ft):		Length (f	t):	Avg. Depth ((ft):	Max. Depth (ft):
Qrool Widt	h (ft): - 5	80´	Length (f	t): 600	Avg. Depth ((ft): a.o'	Max. Depth (ft): 3.o+
Flow Pres	ent?] Yes	⊡^No		Estimated (ft	_		<u> </u>
· · · · · · · · · · · · · · · · · · ·	Carr. Bhu	udaat F						
lownstream V ☐ Riffle Wid	th (ft):	SICAL L	Length (f		Avg. Depth (. 	Max. Depth (ft	:);
- Idillo	th (ft):	····	Length (f	• • • • • • • • • • • • • • • • • • • •	Avg. Depth (Max. Depth (ft	:);
	` '	∞o′		t): 400'	Avg. Depth ((ft): 3.0+	Max. Depth (ft	3.0**
☐ Flow Pres	- ''	Yes	⊒^No	-100	Estimated (fi			
strate*: (The						% Silt	% Mud/Clay	% Bedrock
	ble I	% '	Gravei	% Sa	nu	76 SIR	70 Middle Clay	70 1704100.
% Cob	on*: (nol				owth at the asse	essment site)		
uatic Vegetati	on*:(not	(Mark a	ll that apply				□ Other:	
natic Vegetati	on*: (not	(Mark a wage	II that apply ☐ Musi	.) cy 🗀 c	Thernical	™ None	□ Other:	
uatic Vegetati	on*: (not	(Mark a wage ear	II that apply ☐ Musl) cy 🗀 c	Thernical			
ter Characte Odor: Color: Bottom Deposit	ristics*:	(Mark a wage ear udge	II that apply ☐ Musl ☐ Gree ☐ Solid	cy Oc n Oc ls Of	Themical Gray Tine sediments	✓ None ☐ Milky ☐ None ✓ None	☐ Other: ☐ Other:	
natic Vegetation of the Characte Odor: Color: Bottom Deposition Deposition of the Characte Deposition on the recreation of the recreation	ristics*: Sec Classe attache not to be a ristanding of atton use a sed, here	(Mark a wage ear addition addition water analysis by affiliation and the control of water analysis by a control of water analysis by a control of water analysis by a control of water a	Il that apply Musl Gree Solid Scum conal comm cly for remove conditions, but may poin	n G	chemical Fray Fine sediments Foam Ing informational use desig this informatics that need furt	✓ None ✓ None ✓ None ✓ None tion from integration but rathe on is not intende ther analysis or the contract of the contra	Other:	re ace a se.



0443_006_DS



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: OH4	3-00°		Site Location De	escription:			
Site GPS Coordinates: H		1.07093	GRAUXIE AVE BR.				
Date & Time: 6/19/0	2 ⁵ 1605 Y		Facility Name:				
Personnel:	•		Permit Number:				
Current Weather Condition	ons: CIZAR		Weather Conditi	ions for Past 7 days: Rasw	- Clear 1034 5 days		
Photo Ids: Upstream: to		nstream: VC	0ther	r:			
Jses Observed*:	T_	<u> </u>					
☐ Swimming	☐ Skin diving	🗆 sc	CUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	□ Bo	oating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fis	shing	None of the above	Other:		
Surrounding Condition tems of interest.)	18*: (Mark all that p	promote or in	npede recreational v	ises. Attach photos of evide	nce or unusual		
_	is*: (Mark all that p		npede recreational v	ises. Attach photos of eviden	nce or unusual		
tems of interest.)	1		onservation lands				
tems of interest.) City/county parks	☐ Playgrounds	□ МФС о	onservation lands	☐ Urban areas	☐ Campgrounds		
tems of interest.) City/county parks Boating accesses	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC c	onservation lands	☐ Urban areas ☐ Nature trails	☐ Campgrounds		
tems of interest.) ☐ City/county parks ☐ Boating accesses ☑ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC e ☐ Nations	onservation lands	☐ Urban areas ☐ Nature trails	☐ Campgrounds		
tems of interest.) City/county parks Boating accesses No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence e*:	MDC constitutions Steep sl	onservation lands at forests lopes	☐ Urban areas ☐ Nature trails ☐ Other: Rand - C	☐ Campgrounds ☐ Stairs/walkway		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

September 29, 2004 Page 18

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # OMU3-007:

Z Riffle Width	(ft): 6'	Length (ft):	Avg. Depth (ಗು: ರ.ಶ <u>'</u>	Max, Depth (ft):	ం.కి
□ Run Width	(ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
⊋ Pool Width	(ft): 15'	Length (ft): 18	Avg. Depth (ft): <0.\	Max. Depth (ft):	0.2
☑ Flow Present		□ No	Estimated (ft	/sec): 1-3 c	2·75	
Ownstream Vio		Length (ft):	Avg. Depth (Max. Depth (ft):	
377.74	· ·	Length (ft):	Avg. Depth (Max. Depth (ft):	
T. I.	(ft): 40'		So Avg. Depth (Max. Depth (ft):	~ ~ ·
☑ Pool Width ☑ Flow Presen			Estimated (ft	<u> </u>	·	<u> </u>
W Flow Flesch	<u> </u>	110				
strate*: (These	values should	add up to 100%.)				
5 % Cobble		6 Gravel no	% Sand 15	% Silt	% Mud/Clay	% Bedroo
uatic Vegetation	1*: (note amo	unt of vegetation or	algal growth at the asse	ssment site)		
iter Characteri	stics*: (Mark	, all that apply.)			□ Other	
i ter Characteri Odor:	stics*: (Mark	all that apply.)	☐ Chemical	☑ None	Other:	
i ter Characteri Odor: Color:	stics*: (Mark ☐ Sewage ☑ Clear	all that apply.) Musky Green	☐ Chemical	☑ None	Other:	
ter Characteri Odor: Color: Bottom Deposit:	stics*: (Mark ☐ Sewage ☑ Clear ☐ Sludge	all that apply.) Musky Green Solids	☐ Chemical ☐ Gray ☑ Fine sediments	☑ None ☐ Milky ☐ None	Other:	
i ter Characteri Odor: Color:	stics*: (Mark ☐ Sewage ☑ Clear	all that apply.) Musky Green	☐ Chemical	☑ None	Other:	
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odor: Color: Bottom Deposit: Surface Deposit:	stics*: (Mark Sewage Clear Sludge Oil	all that apply.) Musky Green Solids Scum	☐ Chemical ☐ Gray ☐ Fine sediments ☐ Foam (including informat	☑ None ☐ Milky ☐ None ☑ None	Other: Other: Other:	
odor: Color: Bottom Deposit: Surface Deposit: mments: Please	stics*: (Mark Sewage Clear Sludge Oil attach addi	all that apply.) Musky Green Solids Scum tional comments	☐ Chemical ☐ Gray ☐ Fine sediments ☐ Foam (including informat	☑ None ☑ Milky ☑ None ☑ None ion from intention but rathe	Other: Other: Other: erviews) to this for	
odor: Color: Bottom Deposit: Surface Deposit: mments: Please	Sewage Clear Sludge Oil attach addi	all that apply.) Musky Green Solids Scum tional comments olely for removal of	☐ Chemical ☐ Gray ☐ Fine sediments ☐ Foam (including informate a recreational use designeently, this informatic	✓ None ✓ None ✓ None ion from intended in the second intended in the second intended in the second in the seco	Other: Other: Other: erviews) to this forer is to provide a more led to directly influence	e a
nter Characteri Odor: Color: Bottom Deposit: Surface Deposit: mments: Please his information is no hiprehensive unders his information is no hiprehensive unders his information in the recreat	Sewage Sewage Clear Sludge Oil attach addi	all that apply.) Musky Green Solids Scum tional comments olely for removal of er conditions. Consists but may point to consists of the conditions of the conditions.	Chemical Gray Fine sediments Foam (including informate a recreational use designeed and information on ditions that need further than the conditions that need further than the conditio	✓ None ✓ Milky ✓ None ✓ None ion from intended in its not intended her analysis or	Other: Other: Other: erviews) to this form of the directly influence that effect another use	e a
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